

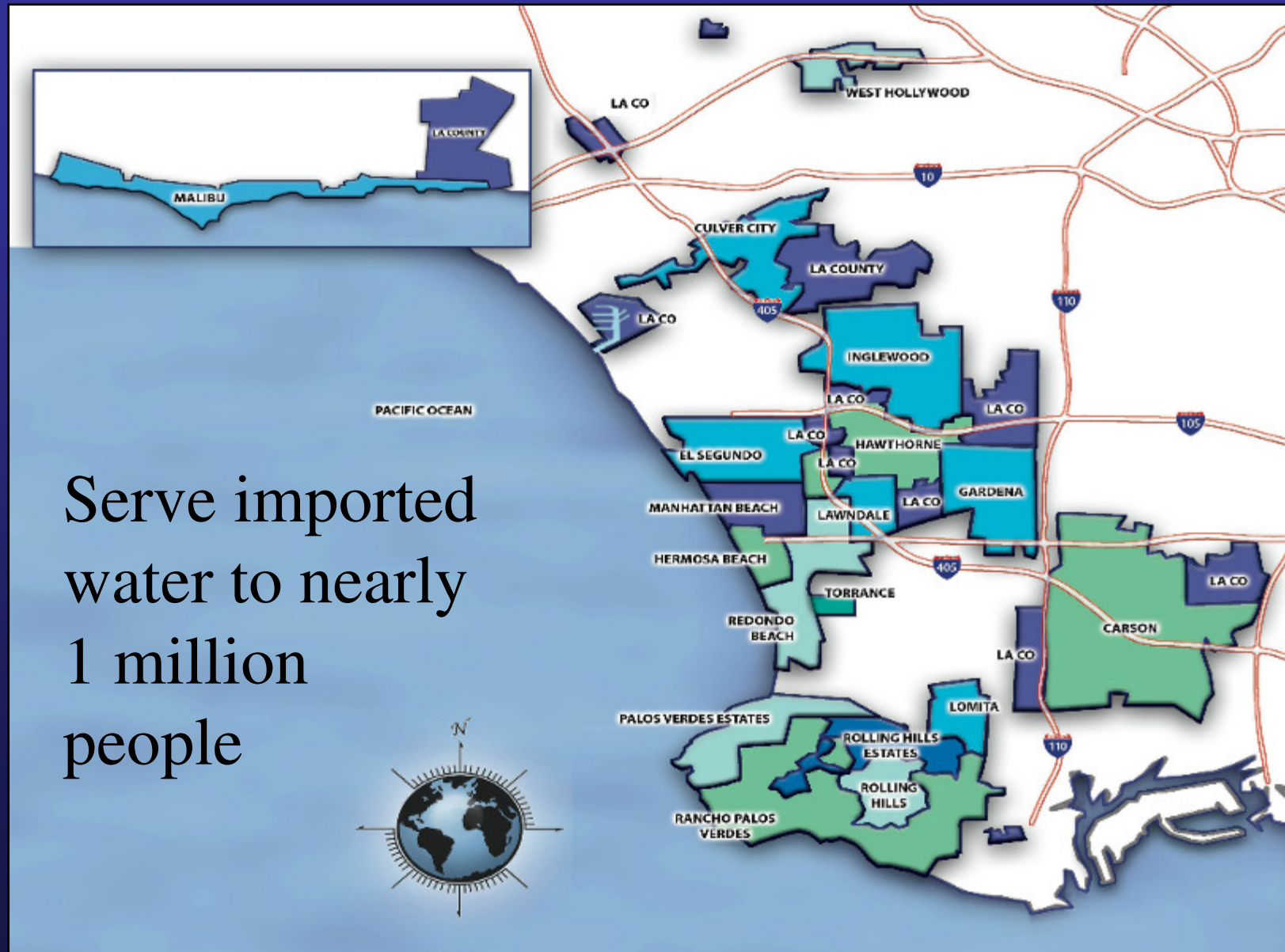


West Basin Municipal Water District's Water Recycling Program

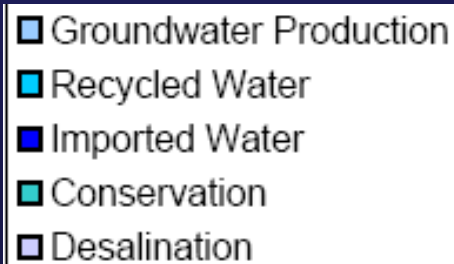
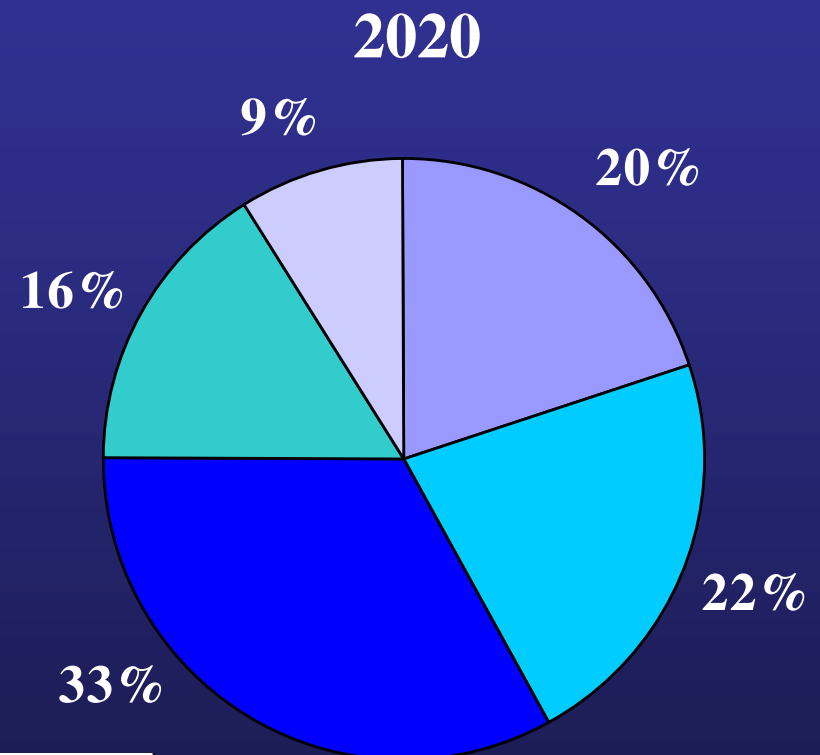
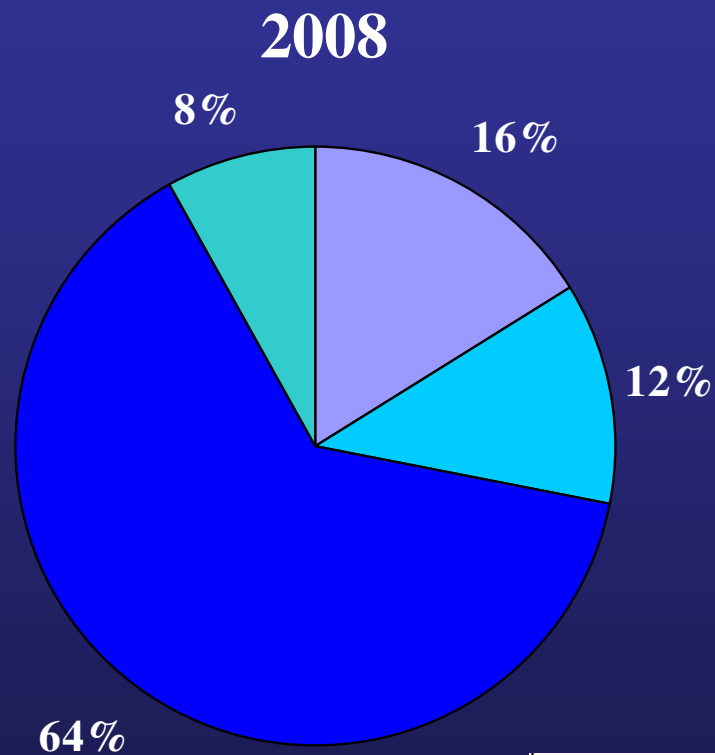


March 4, 2009

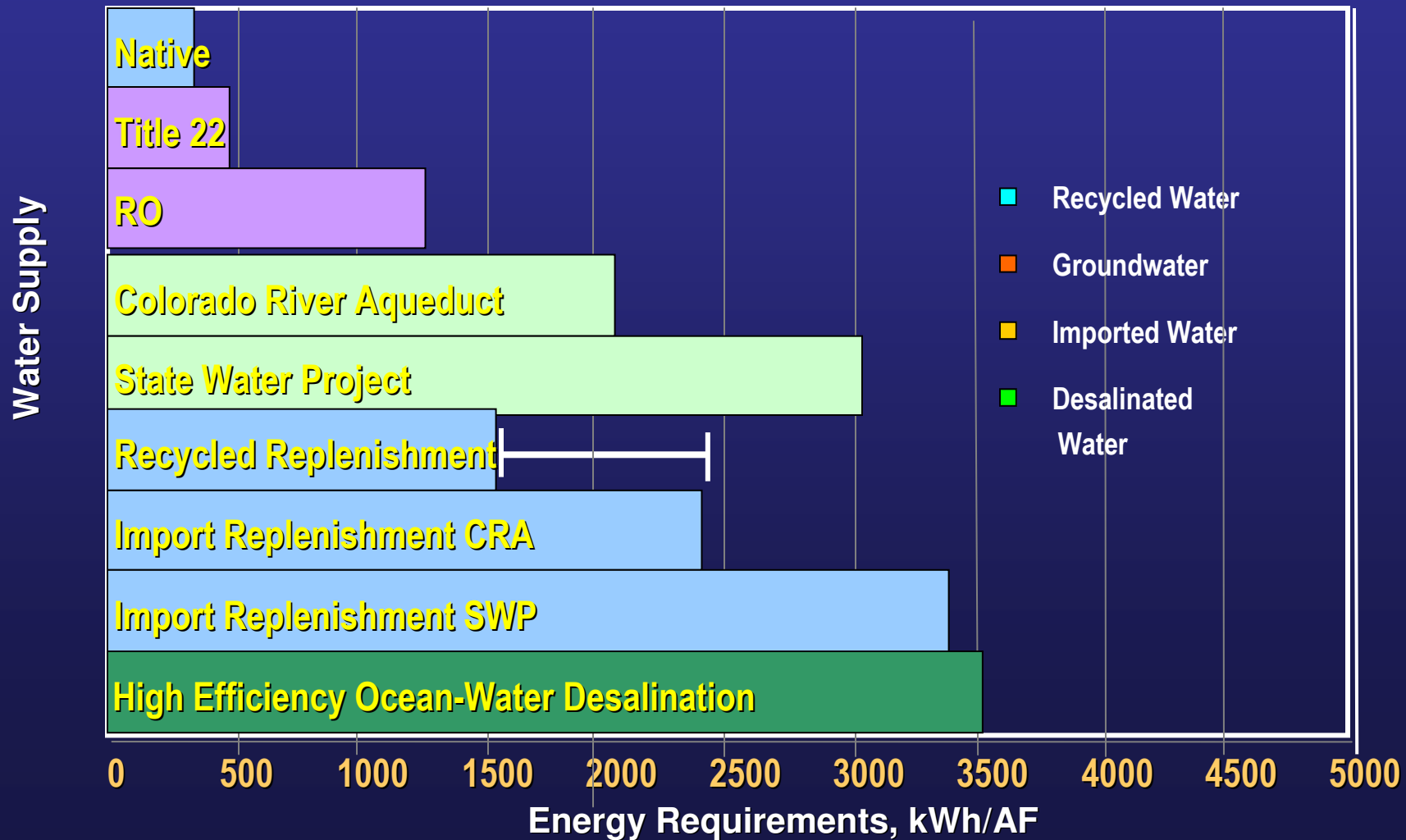
Who is West Basin?



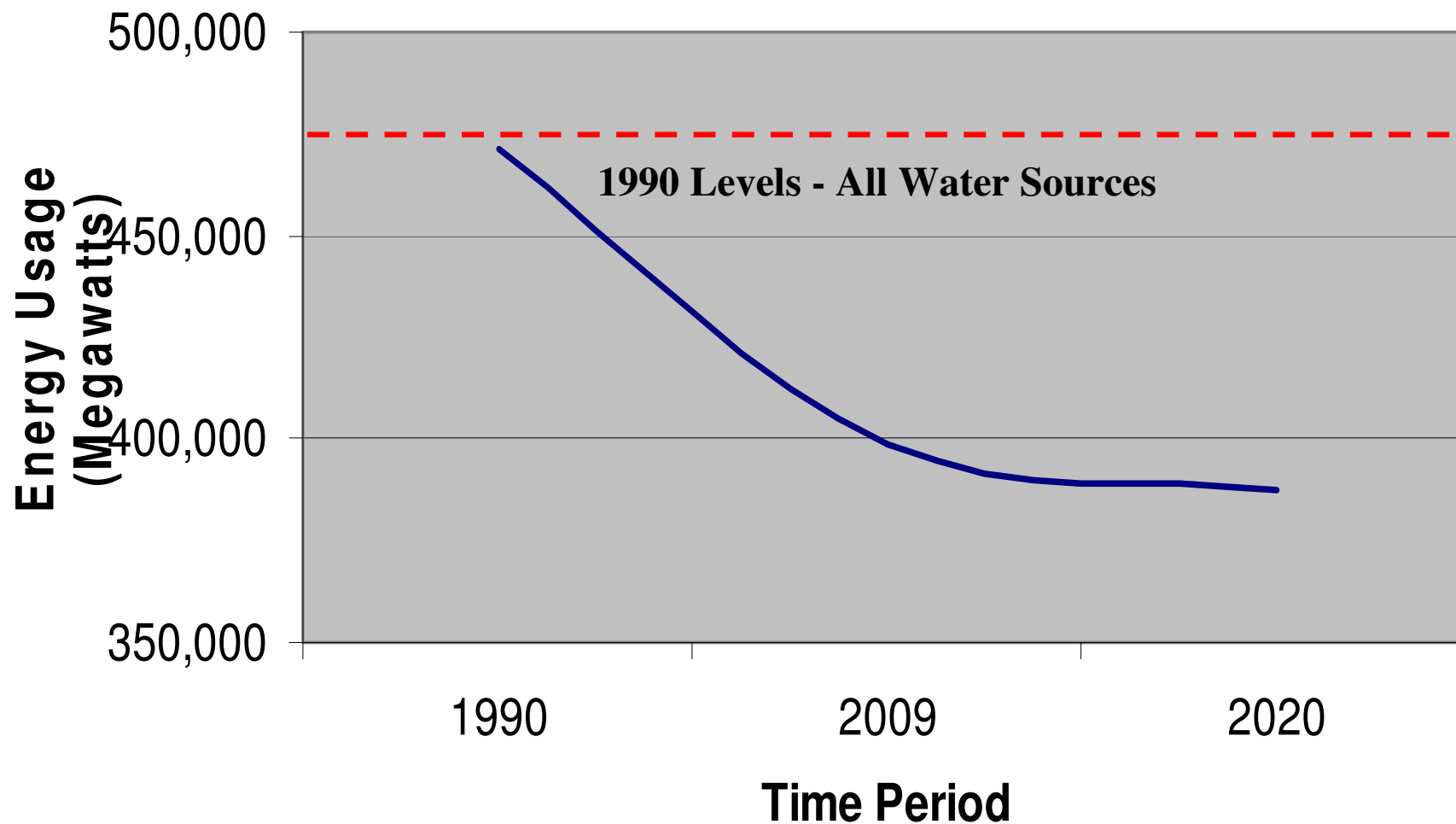
Water Reliability Portfolio



Another advantage of Recycled Water - Saves Energy!



West Basin Municipal Water District's Energy Usage Compared to 1990 Levels



West Basin Recycled Water Program

- Expanded Edward C. Little Water Treatment Plant 4X – only plant to make five "designer" waters
- \$500 million investment since 1994, but contained costs with \$87 million in grants,
- Saves industrial customers 30% on water that will not be cut back

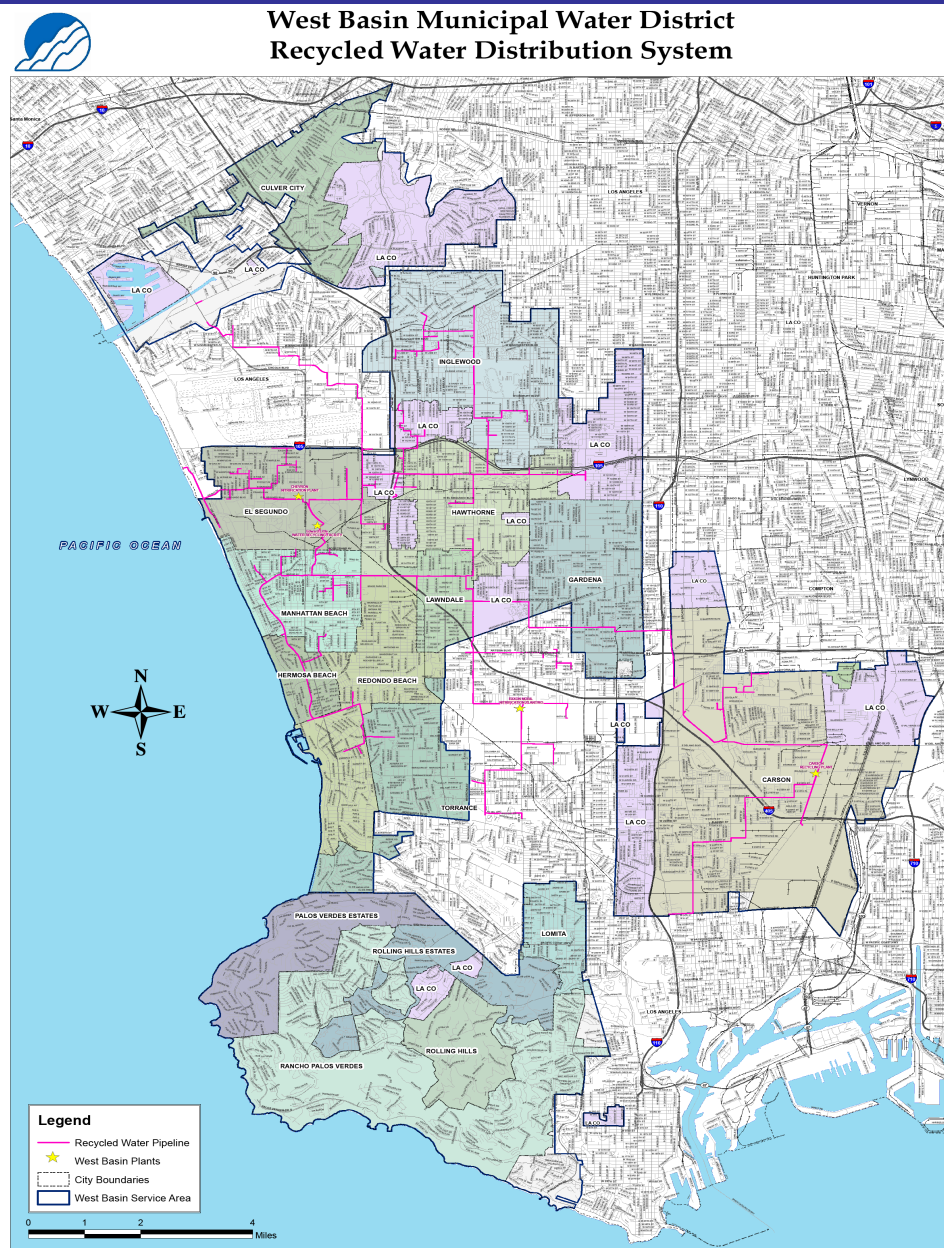


Current RW Production

- 40,000 acre-feet per year of water is not discharged into the ocean,
- Instead it is recycled and used to save enough potable water for 240,000 of you and your neighbors, and
- Goal is to produce 70,000 acre-feet per year of recycled water by 2020 to provide 3 years of drought protection for our area.



Recycled Water Distribution System



- Over 100 miles of existing and proposed purple pipe system in coastal LA
- Currently serve 237 customer sites
- Majority is for landscape irrigation

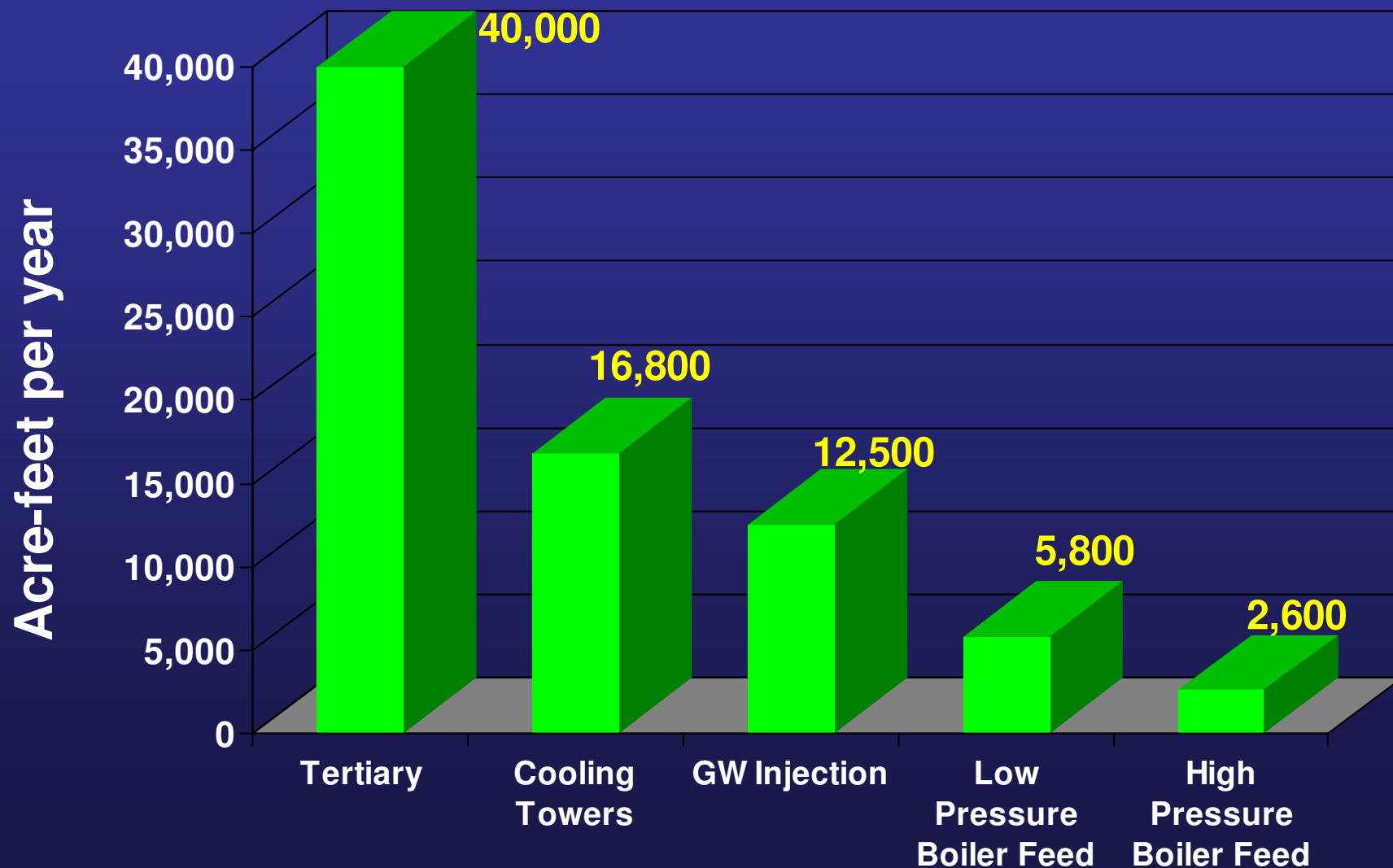
Designer Recycled Water

5 different qualities

1. Nitrified: Cooling Tower
2. Tertiary: Irrigation
3. Softened RO: Seawater Barrier / GW Injection
4. Single RO: Low-Pressure Boiler Feed
5. Double RO: High-Pressure Boiler Feed



Recycled Water Design Capacity



Recycled Water Revenue

Recycled Sales	30%
Fixed Charges	15%
Standby Parcel Charge	19%
MWD Incentive (\$250/AF)	16%
Grants	10%
Potable Rates	11%

Recycled Water Uses

- Landscape Irrigation
- Cooling Tower Make-Up
- Sports Turf
- Street Sweeping
- Toilet and Urinal Flushing
- Seawater Barrier



Recycled Water Uses



Inglewood only city in U.S. to use recycled water for street sweeping



Toyota USA uses recycled water for toilet flushing, cooling towers and irrigation

50% of the total water used in El Segundo is recycled water from WBMWD



Funding Needed

- To reach 2020 goals requires \$700 Million for desalination, conservation and recycled water projects
- The demands are greater than the funding available
- Grant funding is needed to help fund these projects

Thank You



- Questions?
- Comments?